DECLARATION

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

the specification of which is attached hereto or indicates an attorney docket no. YOR920010661US1, or:

I believe that I am the original, first and sole (*if only one name is listed below*), or an original, first and joint inventor (*if plural names are listed below*), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: METHODS AND SYSTEMS FOR DISTRIBUTED CACHING IN PRESENCE OF UPDATES AND IN ACCORDANCE WITH HOLDING TIMES

☐ was filed in the U.S. Patent & T	rademark Office on	and assigned Serial No,	
\square and (if applicable) was amended	d on	·	
as amended by any amendment refand to the examination of this appl priority benefits under Title 35, U. or §365(a) of any PCT internationa	erred to above. I acknow ication in accordance wi S. Code §119(a)-(d) or §1 application which desigon(s), listed below and ha	the contents of the above-identified specification, in ledge the duty to disclose information which is mate th Title 37, Code of Federal Regulations §1.56. I had 365(b) of any foreign application(s) for patent or innated at least one country other than the United State we also identified below any foreign applications for on which priority is claimed:	erial to patentability ereby claim foreign ventor's certificate, s, or §119(e) of any
			Yes [] No[]
(Application Number)	(Country)	(Day/Month/Year filed)	
			_Yes [] No[]
(Application Number)	(Country)	(Day/Month/Year filed)	
International application designatication is not disclosed in the paragraph of Title 35, U.S. Code § 37, Gode of Federal Regulations § PCF international filing date of this	ng the United States, list e prior United States or 112, I acknowledge the 1.56 which became avai is application:	ode §120, of any United States application(s), or §3 ed below and, insofar as the subject matter of each of PCT International applications(s) in the manner produty to disclose information material to patentability lable between the filing date of the prior application	of the claims of this rovided by the first y as defined in Title
(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandoned)	
(Application Serial Number)	(Filing Date)	(STATUS: patented, pending, abandoned)	

I hereby appoint the following attorneys: MANNY W. SCHECTER, Reg. No. 31,722; LAUREN C. BRUZZONE, Reg. No. 35,082; CHRISTOPHER A. HUGHES, Reg. No. 26,914; JOHN E. HOEL, Reg. No. 26,279; JOSEPH C. REDMOND, JR., Reg. No. 18,753; STANLEY B. GREEN, Reg. No. 24,351; STEPHEN C. KAUFMAN, Reg. No. 29,551; ROBERT M. TREPP, Reg. No. 25,933; LOUIS P. HERZBERG, Reg. No. 41,500; DANIEL P. MORRIS, Reg. No. 32,053; PAUL J. OTTERSTEDT, Reg. No. 37,411; LOUIS J. PERCELLO, Reg. No. 33,206; DOUGLAS W. CAMERON, Reg. No. 31,596; MARIAN UNDERWEISER, Reg. No. 46,134; RICHARD M. LUDWIN, Reg. No. 33,010; MARC A. EHRLICH, Reg. No. 39,966; ROBERT P. TASSINARI, JR., Reg. No. 36,030; DEREK S. JENNINGS, Reg. No. 41,473; GAIL H. ZARICK, Reg. No. 43,303; and TIMOTHY M. FARRELL, Reg. No. 37,321; each of them of INTERNATIONAL BUSINESS MACHINES CORPORATION, Thomas J. Watson Research Center, P.O. Box 218, Yorktown Heights, New York 10598; to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith and with any divisional, continuation, continuation-in-part, reissue or re-examination application, with full power of appointment and with full power to substitute an associate attorney or agent, and to receive all patents which may issue thereon, and request that all correspondence be addressed to:

William E. Lewis RYAN, MASON & LEWIS, LLP 90 Forest Avenue Locust Valley, NY 11560 Tel.: (516) 759-7662 I HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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